

S3 Table: Discrepant results between WGS and LPA GenoType MTBDRs/.

In-depth analysis of DST discordant results between WGS and LPA GenoType MTBDRs/ for the fluoroquinolones (moxifloxacin and levofloxacin) and capreomycin drugs. The mutations detected by WGS are specified for each strain. Likewise, the annotation of the category of resistance association determined by the WHO mutation catalogue of 2021 is assigned. BACTEC results are added for comparison.

Drug	LPA	WGS	BACTEC	Mutation	WHO Category
Moxifloxacin/Levofloxacin					
PER-TB-012	R	S	S	-	
PER-TB-103	S	R	S	<i>gyrB_D461N</i>	Assoc w R - Interim
PER-TB-107	S	R	NA	<i>gyrB_D461N</i>	Assoc w R - Interim
Capreomycin					
PER-TB-005	S	R	R	<i>tlyA_G232D</i>	Assoc w R - Interim
PER-TB-012	S	R	R	<i>tlyA_G232D</i>	Assoc w R - Interim
PER-TB-057	S	R	R	<i>tlyA_G232D</i>	Assoc w R - Interim
PER-TB-070	S	R	R	<i>tlyA_G232D</i>	Assoc w R - Interim
PER-TB-086	S	R	R	<i>tlyA_G232D</i>	Assoc w R - Interim
PER-TB-105	S	R	NA	<i>tlyA_G232D</i>	Assoc w R - Interim
PER-TB-129	S	R	R	<i>tlyA_G232D</i>	Assoc w R - Interim

LPA: Line probe assay, **WGS:** Whole genome sequencing, **WHO:** World health organization, **Assoc w R – Interim:** Associated with resistance – Interim. **S:** sensible, **R:** resistant, **NA:** not available.